

Section II
Soil and Site Information

Codington County, South Dakota
Sanitary Facilities Table 2

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Bc: Brookings-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Bh: Brookings-----	60	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Hidewood-----	30	Very limited		Very limited		Very limited	
		Depth to		Depth to		Depth to	
		saturated zone	1.00	saturated zone	1.00	saturated zone	1.00
		Too clayey	0.50	Flooding	0.40	Too clayey	0.50
		Flooding	0.40				
BmD: Buse-----	90	Somewhat limited Slope Too clayey	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope Too clayey	0.63 0.50
BmE: Buse-----	90	Very limited Slope Too clayey	1.00 0.50	Very limited Slope	1.00	Very limited Slope Too clayey	1.00 0.50
Bo: Buse-----	90	Very limited Slope Too clayey Content of large stones	1.00 0.50 0.23	Very limited Slope	1.00	Very limited Slope Too clayey Content of large stones	1.00 0.50 0.23
BpD: Buse-----	60	Somewhat limited Slope Too clayey	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope Too clayey	0.63 0.50
Poinsett-----	25	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
BsD: Buse-----	60	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Slope	0.50 0.37

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Sioux-----	25	Very limited Seepage Too Sandy Slope	1.00 1.00 0.37	Very limited Seepage Slope	1.00 0.37	Very limited Too Sandy Seepage Gravel content Slope	1.00 1.00 1.00 0.37
Bu: Buse-----	60	Very limited Slope Too clayey Content of large stones	1.00 0.50 0.23	Very limited Slope	1.00	Very limited Slope Too clayey Content of large stones	1.00 0.50 0.23
Sioux-----	25	Very limited Seepage Too Sandy Slope	1.00 1.00 1.00	Very limited Seepage Slope	1.00 1.00	Very limited Too Sandy Seepage Gravel content Slope	1.00 1.00 1.00 1.00
BvD: Buse-----	60	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Slope	0.50 0.37
Vienna-----	30	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37
Bx: Buse-----	40	Somewhat limited Too clayey Slope Content of large stones	0.50 0.37 0.23	Somewhat limited Slope	0.37	Somewhat limited Too clayey Slope Content of large stones	0.50 0.37 0.23
Barnes-----	30	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37
Sioux-----	20	Very limited Seepage Too Sandy Slope	1.00 1.00 0.37	Very limited Seepage Slope	1.00 0.37	Very limited Too Sandy Seepage Gravel content Slope	1.00 1.00 1.00 0.37

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cs: Aquents, Saline-----	100	Very limited Depth to saturated zone Ponding Too Sandy	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone Too Sandy	1.00 1.00 0.50
EfA: Egeland-----	90	Very limited Too Sandy	1.00	Very limited Seepage	1.00	Very limited Too Sandy	1.00
EfB: Egeland-----	90	Very limited Too Sandy	1.00	Very limited Seepage	1.00	Very limited Too Sandy	1.00
EsA: Estelline-----	95	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50
EsB: Estelline-----	90	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50
FdA: Fordville-----	90	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
FdB: Fordville-----	90	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
FfA: Fordville-----	60	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Renshaw-----	30	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage Gravel content	1.00 1.00 0.39

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FfB: Fordville-----	50	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Renshaw-----	30	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage Gravel content	1.00 1.00 0.39
FmB: Forman-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
FmC: Forman-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
FnA: Forman-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
FnB: Forman-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
FnC: Forman-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
KrB: Kranzburg-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
La: Lamoure-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone Too clayey	1.00 0.50	Depth to saturated zone	1.00	Too clayey	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lc: Lamoure-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Too clayey	0.50				
Lp: La Prairie-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Not limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
Ma: Southam-----	100	Very limited Depth to saturated zone	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	1.00			Too clayey	1.00
Ms: Southam-----	100	Very limited Depth to saturated zone	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	1.00			Too clayey	1.00
Od: Oldham-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Too clayey	0.50			Too clayey	0.50
Op: Oldham-----	45	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Too clayey	0.50			Too clayey	0.50
Parnell-----	45	Very limited Depth to saturated zone	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	0.50			Too clayey	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ow: Oldham-----	50	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Too clayey	1.00 0.50
Parnell-----	50	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey	1.00 1.00 0.50
PmA: Poinsett-----	90	Not limited		Not limited		Not limited	
PmB: Poinsett-----	90	Not limited		Not limited		Not limited	
PnB: Poinsett-----	90	Not limited		Not limited		Not limited	
PoC: Poinsett-----	50	Not limited		Not limited		Not limited	
Buse-----	20	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Forman-----	20	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
PsB: Poinsett-----	60	Not limited		Not limited		Not limited	
Forman-----	25	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
PwA: Poinsett-----	75	Not limited		Not limited		Not limited	
Waubay-----	20	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ra: Rauville-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Seepage	1.00				
		Too clayey	0.50				
RsA: Renshaw-----	60	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Too Sandy	1.00
		Too Sandy	1.00			Seepage	1.00
						Gravel content	0.39
Sioux-----	30	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Too Sandy	1.00
		Too Sandy	1.00			Seepage	1.00
						Gravel content	1.00
RsB: Renshaw-----	50	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Too Sandy	1.00
		Too Sandy	1.00			Seepage	1.00
						Gravel content	0.39
Sioux-----	30	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Too Sandy	1.00
		Too Sandy	1.00			Seepage	1.00
						Gravel content	1.00
Ts: Buse-----	50	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Too clayey	0.50			Too clayey	0.50
Sioux-----	35	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Too Sandy	1.00
		Too Sandy	1.00	Slope	1.00	Seepage	1.00
		Slope	1.00			Gravel content	1.00
						Slope	1.00
VnA: Vienna-----	90	Not limited		Not limited		Not limited	
VnB: Vienna-----	90	Not limited		Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
VnC: Vienna-----	90	Not limited		Not limited		Not limited	
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated		Not rated	
Wa: Waubay-----	90	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey	0.50
WfA: Waubay-----	60	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey	0.50
Forman-----	25	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50

